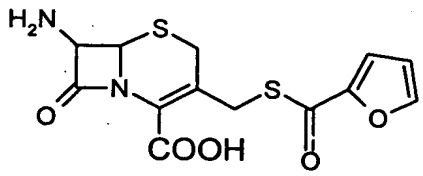
ABSTRACT

The present invention provides an improved process for the preparation of 7-amino-3-[2-(furylcarbonyl)thiomethyl]-3-cephem-4-carboxylic acid represented by formula (I)



(I)

by the condensation of 7-amino cephalosporanic acid (7-ACA) represented by formula (II) with furyl-2-carbonylthiol represented by formula (III) using borontrifluoride as condensing agent in an organic solvent at a temperature range of 20°-50°C.